



[Go to Product page](#)

Datasheet for ABIN1504149

anti-TACI antibody

2 Images

Overview

Quantity:	0.1 mg
Target:	TACI (TNFRSF13B)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS)

Product Details

Clone:	11H3
Isotype:	IgG2a
Specificity:	This antibody reacts with CD267 antigen. Clone 11H3 has an agonistic activity and it doesn't block binding of BAFF to TACI.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A agarose

Target Details

Target:	TACI (TNFRSF13B)
Alternative Name:	CD267 / TACI (TNFRSF13B Products)
Background:	CD267, also known as TACI (transmembrane activator and calcium modulator and cyclophilin ligand interactor) or TNFRSF13B, is a member of the tumor necrosis factor (TNF) receptor family that serves as a receptor for B-cell activating factor of the TNF family (BAFF/CD257) and

Target Details

as a proliferation-inducing ligand (APRIL/CD256). BAFF and APRIL bind both TACI and BCMA (B cell maturation Ag/CD269), with BAFF additionally and exclusively binding the BAFF receptor (BAFF-R/CD268) while APRIL can also bind to heparin sulfate proteoglycans (HSPG). TACI is expressed on B cells and activated T cells. BCMA is exclusively expressed on B cells, whereas BAFF-R is expressed mainly on B cells but also on T cells. It is reported that mutations of CD267/TACI are shown in patients with IgA deficiency and common variable immunodeficiency (CVID). Sakurai et al., reported that TACI positively regulated APRIL-induced IgA production in collaboration with HSPG and TACI negatively regulated BAFF-induced B-cell proliferation and production of IgA and IgG. Synonyms: TNFRSF13B, Transmembrane activator and CAML interactor, Tumor necrosis factor receptor superfamily member 13B

Gene ID: 23495

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

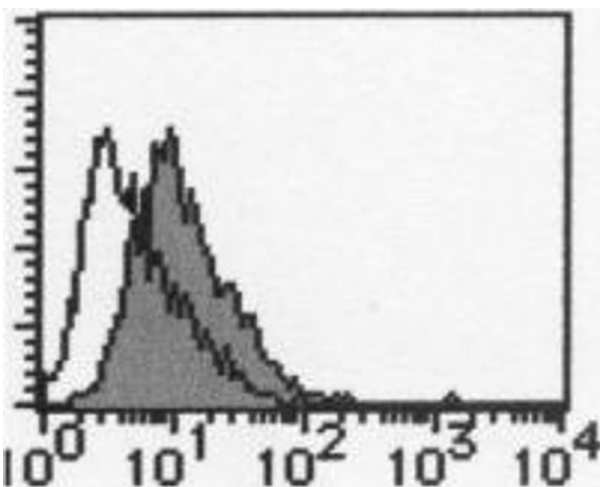
Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 50 % glycerol, pH 7.2. No preservative is contained.

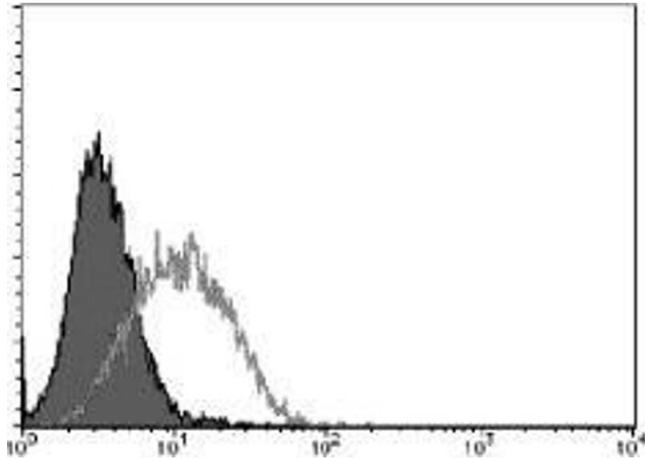
Preservative: Without preservative

Images



Flow Cytometry

Image 1.



Flow Cytometry

Image 2. Flow cytometric analysis of CD267 expression on EBV-LCL cells. Shaded histogram indicates the reaction of isotypic control to the cells. Open histogram indicates the reaction of AM26557AF-N to the cells.